

Delta Smelt: Existing Conditions												
WET YEARS	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Entrainment	0	0	-1	-1	-1	-1	-2	-2	-2	-2	-1	0
Entrainment (export)	0	0	-1	-1	-1	-1	-2	-2	-2	-2	-1	0
CCF predation	0	0	-1	-1	-1	-1	-2	-2	-2	-2	-1	0
Handling	0	0	0	0	0	0	-1	-2	-1	-1	0	0
Hydrodynamics	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
Cross -Delta Flow	0	0	0	0	0	0	0	0	0	0	0	0
Qwest	0	0	0	0	0	0	0	0	0	0	0	0
Old River @Bacon Island	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
Sac River @ Rio Vista	0	0	0	0	0	0	0	0	0	0	0	0
SJ River @ Antioch	0	0	0	0	0	0	0	0	0	0	0	0
Predation	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
Food supply	0	0	0	0	0	0	0	0	0	0	0	0
Shallow/ nearshore habitat	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
Water quality (toxics)	0	0	0	0	0	0	-1	-1	-1	-1	-1	0
Salinity/X2	0	0	0	0	0	0	0	0	0	-1	-1	-1
Agricultural diversions	0	0	0	0	0	0	0	-1	-2	-2	-2	0

Delta Smelt: Existing Conditions												
DRY YEARS	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Entrainment	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Entrainment (export)	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
CCF predation	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Handling	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Hydrodynamics	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Cross -Delta Flow	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Qwest	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Old River @Bacon Island	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Sac River @ Rio Vista	0	0	0	0	-1	0	-1	-2	-2	-2	-2	0
SJ River @ Antioch	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Predation	0	0	-1	-1	-1	-1	-2	-2	-2	-2	-2	0
Food supply	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Shallow/ nearshore habitat	0	0	-1	-1	-1	-1	-1	-1	-1	0	0	0
Water quality (toxics)	-1	0	0	-1	-1	-1	-1	-1	-1	-2	-2	-1
Salinity/X2	-1	-1	0	0	-1	-1	-1	-1	-1	-1	-1	-1
Agricultural diversions	0	0	0	0	-1	0	-2	-2	-2	-2	-2	0

Delta Smelt: No Action Conditions												
WET YEARS	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Entrainment	0	0	-1	-1	-2	-2	-2	-2	-2	-2	-1	0
Entrainment (export)	0	0	-1	-1	-2	-2	-2	-2	-2	-2	-1	0
CCF predation	0	0	-1	-1	-1	-1	-2	-2	-2	-2	-1	0
Handling	0	0	0	0	-1	-1	-1	-2	-2	-2	-1	0
Hydrodynamics	0	0	-1	-1	-2	-2	-1	-2	-2	-2	-2	0
Cross -Delta Flow	0	0	0	0	0	0	0	0	0	0	0	0
Qwest	0	0	0	-1	-1	-1	0	0	0	0	-1	0
Old River @Bacon Island	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
Sac River @ Rio Vista	0	0	0	0	0	0	0	0	0	0	0	0
SJ River @ Antioch	0	0	0	0	0	0	0	0	0	0	0	0
Predation	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
Food supply	0	0	0	0	0	0	0	0	0	0	0	0
Shallow/ nearshore habitat	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
Water quality (toxics)	0	0	0	0	0	0	-1	-1	-1	-1	-1	0
Salinity/X2	0	0	0	0	0	0	0	0	0	-1	-1	-1
Agricultural diversions	0	0	0	0	0	0	0	-1	-2	-2	-2	0

Delta Smelt: No Action Conditions												
DRY YEARS	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Entrainment	0	0	-2	-2	-2	-2	-2	-2	-2	-2	-2	0
Entrainment (export)	0	0	-2	-2	-2	-2	-2	-2	-2	-2	-2	0
CCF predation	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Handling	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Hydrodynamics	0	0	-2	-2	-2	-2	-2	-2	-2	-2	-2	0
Cross -Delta Flow	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Qwest	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Old River @Bacon Island	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Sac River @ Rio Vista	0	0	0	0	0	0	-1	-2	-2	-2	-2	0
SJ River @ Antioch	0	0	-2	-2	-1	-1	-1	-2	-2	-2	-2	0
Predation	0	0	-1	-1	-1	-1	-1	-2	-2	-2	-2	0
Food supply	0	-1	-2	-2	-2	-2	-2	-2	-2	-2	-2	-1
Shallow/ nearshore habitat	0	0	-1	-1	-1	-1	-1	-1	-1	0	0	0
Water quality (toxics)	-1	0	0	-1	-1	-1	-1	-1	-1	-2	-2	-1
WQ (salinity)	-1	-1	0	0	-1	-1	-1	-1	-1	-1	-1	-1
Agricultural diversions	0	0	0	0	0	0	-2	-2	-2	-2	-2	0

Delta Smelt: Common Programs												
WET YEARS	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Entrainment	0	0	-1	-1	-1	-1	-2	-2	-2	-2	-1	0
Entrainment (export)	0	0	-1	-1	-1	-1	-2	-2	-2	-2	-1	0
CCF predation	0	0	-1	-1	-1	-1	-2	-2	-2	-2	-1	0
Handling	0	0	0	0	0	0	-1	-2	-1	-1	0	0
Hydrodynamics	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
Cross -Delta Flow	0	0	0	0	0	0	0	0	0	0	0	0
Qwest	0	0	0	0	0	0	0	0	0	0	0	0
Old River @Bacon Island	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
Sac River @ Rio Vista	0	0	0	0	0	0	0	0	0	0	0	0
SJ River @ Antioch	0	0	0	0	0	0	0	0	0	0	0	0
Predation	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
Food supply	0	0	0	0	0	0	0	0	0	0	0	0
Shallow/ nearshore habitat	0	0	0	0	0	0	0	0	0	0	0	0
Water quality (toxics)	0	0	0	0	0	0	-1	-1	-1	-1	-1	0
WQ (salinity)	0	0	0	0	0	0	0	0	0	-1	-1	-1
Agricultural diversions	0	0	0	0	0	0	0	-1	-2	-2	-2	0

Delta Smelt: Common Programs												
DRY YEARS	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Entrainment	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Entrainment (export)	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
CCF predation	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Handling	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Hydrodynamics	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Cross -Delta Flow	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Qwest	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Old River @Bacon Island	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Sac River @ Rio Vista	0	0	0	0	0	0	-1	-2	-2	-2	-2	0
SJ River @ Antioch	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Predation	0	0	-1	-1	-1	-1	-2	-2	-2	-2	-2	0
Food supply	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1
Shallow/ nearshore habitat	0	0	0	0	0	0	0	0	0	0	0	0
Water quality (toxics)	0	0	0	0	0	0	0	0	-1	-1	-1	0
WQ (salinity)	-1	-1	0	0	-1	-1	-1	-1	-1	-1	-1	-1
Agricultural diversions	0	0	0	0	0	0	-2	-2	-2	-2	-2	0

Diversion Effects on Delta Smelt: Alternative 1

WET YEARS

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Entrainment	0	0	-1	-1	-2	-2	-2	-2	-2	-2	-2	0
Entrainment (export)	0	0	-1	-1	-2	-2	-2	-2	-2	-2	-1	0
CCF predation	0	0	-1	-1	-1	-1	-2	-2	-2	-2	-1	0
Handling	0	0	0	0	-1	-1	-1	-2	-2	-1	-2	-1
Hydrodynamics	0	0	-1	-1	-2	-2	-1	-2	-2	-2	-2	0
Cross-Delta Flow	0	0	0	0	0	0	0	0	0	0	0	0
Qwest	0	0	0	-1	-1	-1	0	0	0	0	-1	0
Old River @Bacon Island	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
Sac River @ Rio Vista	0	0	0	0	0	0	0	0	0	0	0	0
SJ River @ Antioch	0	0	0	0	0	0	0	0	0	0	0	0
Predation	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
Food supply												
Shallow/ nearshore habitat	0	0	0	0						0	0	0
Water quality (toxics)	0	0	0	0	0	0	-1	-1	-1	-1	-1	0
WQ (salinity)	0	0	0	0	0	0	0	0	0	-1	-1	-1
Agricultural diversions												

Diversion Effects on Delta Smelt: Alternative 1

DRY YEARS

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Entrainment	0	0	-2	-2	-2	-2	-2	-2	-2	-2	-2	0
Entrainment (export)	0	0	-2	-2	-2	-2	-2	-2	-2	-2	-2	0
CCF predation	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Handling	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Hydrodynamics	0	0	-2	-2	-2	-2	-2	-2	-2	-2	-2	0
Cross-Delta Flow	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Qwest	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Old River @Bacon Island	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Sac River @ Rio Vista	0	0	0	0	0	0	-1	-2	-2	-2	-2	-1
SJ River @ Antioch	0	0	-2	-2	-1	-1	-1	-2	-2	-2	-2	-1
Predation	0	0	-1	-1	-1	-1	-2	-2	-2	-2	-2	0
Food supply			0	-1	-1	-1	-1	-1	-1	-1	-1	0
Shallow/ nearshore habitat	0	0	0	0					0	0	0	0
Water quality (toxics)	0	0	0	0	0	0	0	0	0	-1	-1	-1
WQ (salinity)	-1	-1	0	0	1	1	1	-1	-1	-1	-1	-1
Agricultural diversions												

Diversion Effects on Delta Smelt: Alternative 2

WET YEARS

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Entrainment	0	0	-2	-2	-2	-2	-2	-2	-2	-2	-2	0
Entrainment (export)	0	0	-1	-1	-1	-1	-2	-2	-2	-1	-1	0
CCF predation	0	0	-1	-1	-2	-2	-2	-2	-2	-2	-1	0
Handling	0	0	0	0	-1	-1	-1	-2	-2	-1	0	0
Hydrodynamics	0	0	-2	-2	-2	-2	-2	-2	-2	-2	-2	0
Cross-Delta Flow	0	0	-2	-2	-2	-2	-2	-2	-2	-2	-2	0
Qwest	0	0	0	0	0	0	0	0	0	0	0	0
Old River @Bacon Island	0	0	-1	-2	-2	-2	-2	-2	-1	-1	-1	0
Sac River @ Rio Vista	0	0	0	0	0	0	0	0	0	0	0	0
SJ River @ Antioch	0	0	0	0	0	0	0	0	0	0	0	0
Predation	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
Food supply												
Shallow/ nearshore habitat	0	0	0	0	0	0	0	0	0	0	0	0
Water quality (toxics)	0	0	0	0	0	0	-1	-1	-1	-1	-1	0
WQ (salinity)	0	0	0	0	0	0	0	0	0	-1	-1	-1
Agricultural diversions												

Diversion Effects on Delta Smelt: Alternative 2

DRY YEARS

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Entrainment	0	0	-2	-2	-2	-2	-2	-2	-2	-2	-2	0
Entrainment (export)	0	0	-1	-1	-1	-1	-2	-2	-2	-2	-2	0
CCF predation	0	0	-1	-1	-2	-2	-2	-2	-2	-2	-2	0
Handling	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Hydrodynamics	0	0	-2	-2	-2	-2	-2	-2	-2	-2	-2	0
Cross-Delta Flow	0	0	-2	-2	-2	-2	-2	-2	-2	-2	-2	0
Qwest	0	0	0	0	0	0	0	0	-1	-1	-1	0
Old River @Bacon Island	0	0	-1	-2	-2	-2	-2	-2	-2	-2	-2	0
Sac River @ Rio Vista	0	0	-2	-2	-2	-2	-1	-1	-2	-2	-2	-1
SJ River @ Antioch	0	0	0	0	0	0	0	0	0	0	0	0
Predation	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
Food supply			0	-1	-1	-1	-1	-1	-1	-1	-1	0
Shallow/ nearshore habitat	0	0	0	0	-1	-1	-1	-1	0	0	0	0
Water quality (toxics)	0	0	0	0	0	0	0	0	-1	-1	-1	0
WQ (salinity)	-1	-1	0	0				-1	-1	-1	-1	-1
Agricultural diversions												

Diversion Effects on Delta Smelt: Alternative 3

WET YEARS

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Entrainment	0	0										0
Entrainment (export)	0	0										0
CCF predation	0	0										0
Handling	0	0	0	0	0	0	-1	-2	-1	-1	0	0
Hydrodynamics	0	0										0
Cross-Delta Flow	0	0	0	0	0	0	0	0	0	0	0	0
Qwest	0	0	0	0	0	0	0	0	0	0	0	0
Old River @Bacon Island	0	0										0
Sac River @ Rio Vista	0	0	0	0	0	0	0	0	0	0	0	0
SJ River @ Antioch	0	0										0
Predation	0	0	0	0	0	0	0	0	0	0	0	0
Food supply												
Shallow/ nearshore habitat	0	0										0
Water quality (toxics)	0	0	0	0	0	0	-1	-1	-1	-1	-1	0
WQ (salinity)	0	0	0	0	0	0	0	0	0	-1	-1	-1
Agricultural diversions												

Diversion Effects on Delta Smelt: Alternative 3

DRY YEARS

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Entrainment	0	0										0
Entrainment (export)	0	0										0
CCF predation	0	0										0
Handling	0	0	0	0	0	0	-1	-1	-2	-2	-1	0
Hydrodynamics	0	0	0	0								0
Cross-Delta Flow	0	0	0	0	0	0	0	0	0	0	0	0
Qwest	0	0	0	0	0	0	0	0	0	0	0	0
Old River @Bacon Island	0	0	0	0								0
Sac River @ Rio Vista	0	0	-1	-1	-1	-1	-1	0	-1	0	0	0
SJ River @ Antioch	0	0										0
Predation	0	0	0	0	0							0
Food supply	1	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
Shallow/ nearshore habitat	0	0	1	1					1	1	1	0
Water quality (toxics)	0	0	0	0	0	0	0	0	-1	-1	-1	0
WQ (salinity)	-1	-1	0	0	1	1	1	-1	-1	0	0	-1
Agricultural diversions												

Net Effects Matrices with Common Programs Included

No Action Conditions - Existing

WET YEARS

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Total
Entrainment	0	0	0	0	-1	-1	0	0	0	-1	-1	0	-4
Hydrodynamics	0	0	0	0	-1	-1	0	-1	-1	-1	-1	0	-6
Predation	0	0	0	0	0	0	0	0	0	0	0	0	0
Food supply	0	0	0	0	0	0	0	0	0	0	0	0	0
Shallow/ nearshore habitat	0	0	0	0	0	0	0	0	0	0	0	0	0
Water quality (toxics)	0	0	0	0	0	0	0	0	0	0	0	0	0
WQ (salinity)	0	0	0	0	0	0	0	0	0	0	0	0	0
Agricultural diversions	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	-2	-2	0	-1	-1	-2	-2	0	-10

Net Effects Matrices with Common Programs Included

No Action Conditions - Existing

DRY YEARS

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Total
Entrainment	0	0	-1	-1	-1	-1	0	0	0	0	0	0	-4
Hydrodynamics	0	0	-1	-1	-1	-1	0	0	0	0	0	0	-4
Predation	0	0	0	0	0	0	0	0	0	0	0	0	0
Food supply	0	0	-1	-1	-1	-1	0	0	0	0	0	0	-4
Shallow/ nearshore habitat	0	0	0	0	0	0	0	0	0	0	0	0	0
Water quality (toxics)	0	0	0	0	0	0	0	0	0	0	0	0	0
WQ (salinity)	0	0	0	0	0	0	0	0	0	0	0	0	0
Agricultural diversions	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	-2	-2	-2	-2	0	0	0	0	0	0	-8

Net Effects Matrices with Common Programs Included

Common Programs - Existing

WET YEARS

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Total
Entrainment	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrodynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Predation	0	0	0	0	0	0	0	0	0	0	0	0	0
Food supply	0	0	0	0	2	2	2	2	2	2	2	2	16
Shallow/ nearshore habitat	0	0	0	0	2	2	2	2	2	2	2	2	14
Water quality (toxics)	0	0	0	0	0	0	0	0	0	0	0	0	0
WQ (salinity)	0	0	0	0	0	0	0	0	0	0	0	0	0
Agricultural diversions	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	4	4	4	4	4	4	4	4	28

Net Effects Matrices with Common Programs Included

Common Programs - Existing

DRY YEARS

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Total
Entrainment	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrodynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Predation	0	0	0	0	0	0	0	0	0	0	0	0	0
Food supply	0	0	0	0	2	2	2	2	2	2	2	2	16
Shallow/ nearshore habitat	0	0	0	0	2	2	2	2	2	2	2	2	14
Water quality (toxics)	0	0	0	0	0	0	0	0	0	0	0	0	0
WQ (salinity)	0	0	0	0	0	0	0	0	0	0	0	0	0
Agricultural diversions	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	4	4	4	4	4	4	4	4	28

Net Effects Matrices with Common Programs Included
Alternative 1 - Existing

	WET YEARS												Total
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	
Entrainment	0	0	0	0	-1	-1	0	0	0	-1	-1	0	-3
Hydrodynamics	0	0	0	0	-1	-1	0	-1	-1	-1	-1	0	-6
Predation	0	0	0	0	0	0	0	0	0	0	0	0	0
Food supply													15
Shallow/ nearshore habitat	0	0			-2	-2	-2	-2		0	0	0	-14
Water quality (toxics)	0	0	0	0	0	0	0	0	0	0	0	0	0
WQ (salinity)	0	0	0	0	0	0	0	0	0	0	0	0	0
Agricultural diversions													23
Total	-2	-2	3	-3	-2	-3	-5	-6	-5	-3	-3	-2	-39

Net Effects Matrices with Common Programs Included
Alternative 1 - Existing

	DRY YEARS												Total
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	
Entrainment	0	0	-1	-1	-1	-1	0	0	0	0	0	0	-4
Hydrodynamics	0	0	-1	-1	-1	-1	0	0	0	0	0	0	-4
Predation	0	0	0	0	0	0	0	0	0	0	0	0	0
Food supply			0	0	0	2	2	2	2	2	2	2	14
Shallow/ nearshore habitat	0	0			-2	-2	-2	-2	0	0	0	0	-10
Water quality (toxics)		0	0										10
WQ (salinity)	0	0	0	0	0	0	0	0	0	0	0	0	2
Agricultural diversions						2	3	4	5	5	4	3	29
Total	3	-2	0	-1	-5	-4	-8	-9	-8	-8	-6	-3	-57

Net Effects Matrices with Common Programs Included
Alternative 2 - Existing

	WET YEARS												Total
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	
Entrainment	0	0	-1	-1	-1	-1	0	0	0	-1	-1	0	-4
Hydrodynamics	0	0	-1	-1	-1	-1	-1	-2	-1	-2	-1	0	-10
Predation	0	0	0	0	0	0	0	0	0	0	0	0	0
Food supply						2	2	2	2	2	2	2	14
Shallow/ nearshore habitat	0	0							0	0	0	0	-6
Water quality (toxics)	0	0	0	0	0	0	0	0	0	0	0	0	0
WQ (salinity)	0	0	0	0	0	0	0	0	0	0	0	0	0
Agricultural diversions									3	4	4	4	15
Total	-2	-2	-1	-1	-1	-2	-3	-4	-4	-2	-3	-2	-27

Net Effects Matrices with Common Programs Included
Alternative 2 - Existing

	DRY YEARS												Total
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	
Entrainment	0	0	-2	-2	-2	-1	-1	0	0	0	0	0	-8
Hydrodynamics	0	0	-2	-2	-2	-1	-1	0	0	0	0	0	-8
Predation	0	0	0	0	0	-1	0	0	0	0	0	0	-1
Food supply			0	0	0	2	2	2	2	2	2	2	14
Shallow/ nearshore habitat	0	0			0	0	0	0	0	0	0	0	-2
Water quality (toxics)		0	0										10
WQ (salinity)	0	0	0	0	0	0	0	0	0	0	0	0	2
Agricultural diversions						2	3	4	5	5	4	3	23
Total	3	-2	-2	-1	-1	-1	-4	-7	-8	-8	-6	-3	-40

Net Effects Matrices with Common Programs Included
Alternative 3 - Existing

	WET YEARS												Total
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	
Entrainment	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrodynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Predation	0	0	0	0	0	0	0	0	0	0	0	0	0
Food supply						2	2	2	2	2	2	2	14
Shallow/ nearshore habitat	0	0	0	0	0	0	0	0	0	0	0	0	0
Water quality (toxics)	0	0	0	0	0	0	0	0	0	0	0	0	0
WQ (salinity)	0	0	0	0	0	0	0	0	0	0	0	0	0
Agricultural diversions													23
Total	-2	-2	0	0	0	0	0	0	0	0	0	0	-2

Net Effects Matrices with Common Programs Included
Alternative 3 - Existing

	DRY YEARS												Total
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	
Entrainment	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrodynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Predation	0	0	0	0	0	0	0	0	0	0	0	0	0
Food supply			0	0	0	2	2	2	2	2	2	2	14
Shallow/ nearshore habitat	0	0	0	0	0	0	0	0	0	0	0	0	0
Water quality (toxics)		0	0										10
WQ (salinity)	0	0	0	0	0	0	0	0	0	0	0	0	0
Agricultural diversions						2	3	4	5	5	4	3	23
Total	3	-2	-7	-8	-14	-16	-18	-23	-21	-22	-16	-4	-156

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Alternative Matrices WITHOUT Common Programs

Alternative 1 - Common Programs

Alternative 1 - Common Programs										WET YEARS					
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Total		
Entrainment	0	0	0	0	0	-1	-1	0	0	0	-1	-1	0		
Hydrodynamics	0	0	0	0	0	-1	-1	0	-1	-1	-1	-1	0		
Predation	0	0	0	0	0	0	0	0	0	0	0	0	0		
Food supply	0	0	0	0	0	0	0	0	0	0	0	0	0		
Shallow/ nearshore habitat	0	0	0	0	0	0	0	0	0	0	0	0	0		
Water quality (toxics)	0	0	0	0	0	0	0	0	0	0	0	0	0		
WQ (salinity)	0	0	0	0	0	0	0	0	0	0	0	0	0		
Agricultural diversions	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total	0	0	0	0	0	-2	-2	0	-1	-1	-2	-2	0		

Alternative Matrices WITHOUT Common Programs

Alternative 1 - Common Programs

Alternative 1 - Common Programs							DRY YEARS								Total
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep			
Entrainment	0	0	-1	-1	-1	-1	0	0	0	0	0	0			
Hydrodynamics	0	0	-1	-1	-1	-1	0	0	0	0	0	0			
Predation	0	0	0	0	0	0	0	0	0	0	0	0			
Food supply	0	0	-1	-1	0	0	0	0	0	0	0	0			
Shallow/ nearshore habitat	0	0	0	0	0	0	0	0	0	0	0	0			
Water quality (toxics)	0	0	0	0	0	0	0	0	0	0	0	0			
WQ (salinity)	0	0	0	0	0	0	0	0	0	0	0	0			
Agricultural diversions	0	0	0	0	0	0	0	0	0	0	0	0			
Total	0	0			-2	-2	0	0	0	0	0	0			

Alternative Matrices WITHOUT Common Programs

Alternative 2 - Common Programs

Alternative 2 - Common Programs														WET YEARS											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Total												
Entrainment	0	0	-1	-1	-1	-1	0	0	0	-1	-1	0	0												
Hydrodynamics	0	0	-1	-1	-1	-1	-1	-2	-1	-2	-1	0	-11												
Predation	0	0	0	0	0	0	0	0	0	0	0	0	0												
Food supply	0	0	0	0	0	0	0	0	0	0	0	0	0												
Shallow/ nearshore habitat	0	0	0	0	-1	-1	-1	-1	0	0	0	0	0												
Water quality (toxics)	0	0	0	0	0	0	0	0	0	0	0	0	0												
WQ (salinity)	0	0	0	0	0	0	0	0	0	0	0	0	0												
Agricultural diversions	0	0	0	0	0	0	0	0	0	0	0	0	0												
Total	0	0	-2	-2	-2	-2	-2	-2	-2	-2	-2	0	-22												

Alternative Matrices WITHOUT Common Programs

Alternative 2 - Common Programs

Alternative 2 - Common Programs														DRY YEARS									
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Total										
Entrainment	0	0	-2	-2	-2	-1	-1	0	0	0	0	0	-8										
Hydrodynamics	0	0	-2	-2	-2	-1	-1	0	0	0	0	0	-8										
Predation	0	0	0	0	0	0	0	0	0	0	0	0	0										
Food supply	0	0	-1	-1	0	0	0	0	0	0	0	0	-2										
Shallow/ nearshore habitat	0	0	0	0	-2	-2	-2	-2	0	0	0	0	-8										
Water quality (toxics)	0	0	0	0	0	0	0	0	0	0	0	0	0										
WQ (salinity)	0	0	0	0	0	0	0	0	0	0	0	0	0										
Agricultural diversions	0	0	0	0	0	0	0	0	0	0	0	0	0										
Total	0	0	-2	-2	-2	-2	-2	-2	0	0	0	0	-27										

Alternative Matrices WITHOUT Common Programs

Alternative 3 - Common Programs

Alternative 3 - Common Programs													WET YEARS												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Total												
Entrainment	0	0	-2	-2	-2	-2	-2	-5	-3	-3	-2	0	-26												
Hydrodynamics	0	0	-2	-3	-3	-3	-3	-3	-3	-2	-2	0	25												
Predation	0	0											0												
Food supply	0	0	0	0	0	0	0	0	0	0	0	0	0												
Shallow/ nearshore habitat	0	0											0												
Water quality (toxics)	0	0	0	0	0	0	0	0	0	0	0	0	0												
WQ (salinity)	0	0	0	0	0	0	0	0	0	0	0	0	0												
Agricultural diversions	0	0	0	0	0	0	0	0	0	0	0	0	0												
Total	0	0	6	7	7	7	9	10	7	7	6	0	89												

Alternative Matrices WITHOUT Common Programs

Alternative 3 - Common Programs

Alternative 3 - Common Programs				DRY YEARS										
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Total	
Entrainment	0	0											35	
Hydrodynamics	0	0											25	
Predation	0	0											0	
Food supply	0	0											19	
Shallow/ nearshore habitat	0	0											12	
Water quality (toxics)	0	0											9	
WQ (salinity)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Agricultural diversions	0	0	0	0	0	0	0	0	0	0	0	0	2	
Total	0	0	4	4	7	10	11	14	13	14	10	1	88	